


DELEGATION OF SIGNING AUTHORITY

I, Michael A. Dillon, Vice President, General Counsel, of Sun Microsystems Inc., (the "Company"), hereby appoint Noreen A. Krall, Reg. #39,734 as Attorney-in-Fact of the Company to execute and deliver in the name and on behalf of the Company, patent office documents, and to grant powers of attorney to patent attorneys and patent agents representing the Company in the patent offices and trademark offices throughout the world as required to facilitate filing, obtaining, renewing, maintaining, working, opposing and terminating patent applications and patent registrations on behalf of the Company, and to execute documents which effect the transfer of title or licenses of patents or trademark rights, so long as such transfers are between any of the Company and its subsidiaries. This Delegation of Signing Authority is effective as of 15 May 2004, and will continue in full force and effect while such person is an employee of the Company or until such time as I otherwise designate.



Michael A. Dillon
Sr. Vice President & General Counsel
Sun Microsystems, Inc.



DELEGATION OF SIGNING AUTHORITY

I, Noreen A. Krall, Chief Patent Counsel, of Sun Microsystems Inc., (the "Company"), hereby appoint each of the following persons listed below as Attorney-in-Fact of the Company to execute and deliver in the name and on behalf of the Company, patent office documents, and to grant powers of attorney to patent attorneys and patent agents representing the Company in the patent offices and trademark offices throughout the world as required to facilitate filing, obtaining, renewing, maintaining, working, opposing and terminating patent applications and patent registrations on behalf of the Company, and to execute documents which effect the transfer of title or licenses of patents or trademark rights, so long as such transfers are between any of the Company and its subsidiaries. This Delegation of Signing Authority is effective as of 15 May 2004, and will continue in full force and effect while such persons are employees of the Company or until such time as I otherwise designate.

Andrew C. Chen
Bernice B. Chen
Arien C. Ferrell
Marilyn E. Glaubensklea
Anirama R. Gupta
Elaine K. Lee
Sean P. Lewis
Jeffrey L. Meyers
Joseph A. Twarowski

Reg. No. 43,544
Reg. No. 42,403
Reg. No. 46,696
Reg. No. 35,521
Reg. No. 38,275
Reg. No. 41,936
Reg. No. 42,798
Reg. No. 44,252
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Technology Center 2100

Noreen A. Krall, Chief Patent Counsel
Sun Microsystems, Inc.